IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 2, 3, 9, 10, 12, and 22, ADD new claims 25 and 26, and CANCEL claims 13-17, without prejudice or disclaimer, in accordance with the following:

1. (ORIGINAL) A printing method using a multiple pages per side (Nup) function, by which a document comprising a plurality of pages is printed using the Nup function of printing multiple pages on a sheet of paper, the method comprising:

setting pages to be multiple printed out of the plurality of pages;

determining whether a page to be printed is one of the pages set to be multiple printed;

processing data of the page to be printed as data to be multiple printed in response to determining that the page to be printed is one of the pages set to be multiple printed;

processing data of the page to be printed as data to be commercially printed in response to determining that the page to be printed is not one of the pages set to be multiple printed; and

printing the plurality of pages according to the processed data.

2. (CURRENTLY AMENDED) The method of claim 1, wherein the setting pages to be multiple printed out of the plurality of pages comprises setting a page ~~having~~ determined to have simple contents and forms to be multiple printed.

3. (CURRENTLY AMENDED) A printing method using a multiple pages per side (Nup) function, by which a document comprising a plurality of pages is printed using the Nup function of printing multiple pages on a sheet of paper, the method comprising:

calculating a data amount of a page to be printed;

determining whether the calculated data amount exceeds a predetermined reference data amount;

processing data of the page to be printed as data to be multiple printed, in

response to determining that the calculated data amount does not exceed the predetermined reference data amount, such that multiple pages of the document are printed on a same printed page;

processing data of the page to be printed as data to be commercially printed, and

printing the plurality of pages according to the processed data.

4. (ORIGINAL) A printing method using a multiple pages per side (Nup) function, by which a document comprising a plurality of pages is printed using the Nup function of printing N pages on a sheet of paper, the method comprising:

grouping the plurality of pages into at least one group;

setting N with respect to each of the at least one group; and

determining which of the at least one group a page to be printed belongs to, and processing data of the page to be printed according to the set N for the determined group.

5. (ORIGINAL) The method of claim 4, wherein the determining which of the at least one group a page to be printed belongs to, and processing data of the page to be printed according to the set N for the determined group comprises:

processing data of the page to be printed as data to be commercially printed in response to the set N for the determined group being 1; and

processing data of the page to be printed as data to be multiple printed in response to the set N for the determined group being greater than 1.

6. (ORIGINAL) The method of claim 4, wherein the plurality of pages are grouped into the at least one group based on complexity of contents and forms of each of the plurality of pages.

7. (ORIGINAL) The method of claim 4, wherein the setting N with respect to each of the at least one group comprises setting N to be inversely proportional to the level of complication of the contents and forms of the corresponding at least one group.

8. (ORIGINAL) A computer readable recording medium storing a computer program to control an apparatus to print a document comprising a plurality of pages using a multiple pages per side (Nup) function of printing multiple pages on a sheet of

paper, wherein the computer program controls the apparatus to perform a process comprising:

setting pages to be multiple printed out of the plurality of pages;

determining whether a page to be printed is one of the pages set to be multiple printed;

processing data of the page to be printed as data to be multiple printed in response to determining that the page to be printed is one of the pages set to be multiple printed;

processing data of the page to be printed as data to be commercially printed in response to determining that the page to be printed is not one of the pages set to be multiple printed; and

printing the plurality of pages according to the processed data.

9. (CURRENTLY AMENDED) A computer readable recording medium storing a computer program to control an apparatus to print a document comprising a plurality of pages using a multiple pages per side (Nup) function of printing N pages on a sheet of paper, wherein the computer program controls the apparatus to perform a process comprising:

grouping the plurality of pages into at least one group such that multiple pages of the document are printed on a same printed page;

setting N with respect to each of the at least one group; and

determining which of the at least one group a page to be printed belongs to, and processing data of the page to be printed according to the set N for the determined group.

10. (CURRENTLY AMENDED) A printing method using a multiple pages per side (Nup) function, by which a document comprising a plurality of pages is printed using the Nup function of printing multiple pages on a sheet of paper, the method comprising:

setting a printing environment;

processing data of the plurality of pages as data to be multiple printed, according to the set printing environment;

generating a number indicating an order of the multiple pages to be printed on the sheet of paper; and

multiple-printing the plurality of pages together on a same printed page with

corresponding page numbers of each page according to the printing environment, ~~according to~~ the processed data, and the generated number of multiple pages.

11. (ORIGINAL) The method of claim 10, wherein the printing environment comprises at least one of a number of pages to be printed on a sheet, a request for multiple printing, printing the generated number of multiple pages, a layout by which pages are to be multiple printed, printing a number of physical pages, position, font style, size, color, and transparency in which the generated number of multiple pages is printed.

12. (CURRENTLY AMENDED) A computer readable recording medium storing a computer program to control an apparatus to print a document comprising a plurality of pages using a multiple pages per side (Nup) function of printing multiple pages on a sheet of paper, wherein the computer program controls the apparatus to perform a process comprising:

recognizing a set printing environment;

processing data of the plurality of pages as data to be multiple printed, according to the set printing environment;

generating a number indicating an order of the multiple pages to be printed on the sheet of paper; and

instructing a printer to multiple-print the plurality of pages together on a same printed page with corresponding page numbers of each page according to the printing environment, ~~according to~~ the processed data, and the generated number of multiple pages.

13. (CANCELED) A printing method using a multiple pages per side (Nup) function, the method comprising:

determining whether a user has selected a repetition printing function of repeatedly printing identical contents on a sheet of paper;

reducing a size of the identical contents in response to determining the user has selected the repetition printing function;

copying the reduced contents a predetermined number of times; and

printing the copied reduced contents on the sheet of paper.

14. (CANCELED) The method of claim 13, wherein a ratio to which the identical

contents are reduced is determined using a size of the sheet of paper and the predetermined number of times the reduced contents are copied.

15. (CANCELED) The method of claim 13, wherein the predetermined number of times the reduced contents are copied is varied by the user.

16. (CANCELED) The method of claim 13, wherein at least one of the determining whether the user has selected the repetition printing function, the reducing the size of the identical contents, and the copying the reduced contents is performed along with a printing operation.

17. (CANCELED) A computer readable recording medium storing a computer program to control an apparatus to print a plurality of images on a sheet of paper, wherein the computer program controls the apparatus to perform a process comprising:

determining whether a user has selected a repetition printing function of repeatedly printing identical contents on the sheet of paper;

reducing a size of the identical contents in response to determining the user has selected the repetition printing function; and

copying the reduced contents a predetermined number of times,

wherein the copied reduced contents are printed on the sheet of paper.

18. (ORIGINAL) A printing method using a multiple pages per side (Nup) function, the method comprising:

determining whether a multiple pages per side (Nup) function of printing N, where N is a positive integral number more than 1, pages per sheet has been selected;

determining whether a user has selected N from predetermined values or has set N arbitrarily in response to determining that the multiple pages per side (Nup) function has been selected;

processing printing data corresponding to contents of a page to be included in the sheet using the arbitrarily-set N in response to determining the user has set N arbitrarily;

processing printing data using the selected N in response to determining the user has selected N from the predetermined values; and

performing a printing operation in accordance with the printing data after processing the printing data, or in response to determining the multiple pages per side

(Nup) function has not been selected.

19. (ORIGINAL) The method of claim 18, wherein the processing printing data corresponding to contents of a page to be included in the sheet using the arbitrarily-set N in response to determining the user has set N arbitrarily further comprises setting a combination of and an arrangement in which the N pages that have been arbitrarily set by the user are to be printed on the sheet.

20. (ORIGINAL) The method of claim 18, wherein the processing printing data using the selected N in response to determining the user has selected N from the predetermined values further comprises setting a combination of and an arrangement in which the N pages that have been selected by the user from the predetermined values are to be printed on the sheet.

21. (ORIGINAL) A computer readable recording medium storing a computer program to control an apparatus to print a document comprising a plurality of pages using a multiple pages per side (Nup) function of printing multiple pages on a sheet of paper, wherein the computer program controls the apparatus to perform a process comprising:

determining whether the multiple pages per side (Nup) function of printing N, where N is a positive integral number more than 1, pages per sheet has been selected;

determining whether a user has selected N from predetermined values or has set N arbitrarily in response to determining that the multiple pages per side (Nup) function has been selected;

processing printing data corresponding to contents of a page to be included in the sheet using the arbitrarily-set N in response to determining the user has set N arbitrarily;

processing printing data using the selected N in response to determining the user has selected N from the predetermined values; and

instructing a printer to perform a printing operation in accordance with the printing data after processing the printing data, or in response to determining the multiple pages per side (Nup) function has not been selected.

22. (CURRENTLY AMENDED) A printing method using a multiple pages per side (Nup) function, by which a document comprising a plurality of pages is printed using

the Nup function of printing multiple pages on a sheet of paper, the method comprising:

processing data of a first page, of the plurality of pages, to be printed as data to be multiple printed in response to determining that the page to be printed is set to be multiple printed; ~~and~~

processing data of ~~the~~ a second page, of the plurality of pages, to be printed as data to be commercially printed in response to determining that the page to be printed is not set to be multiple printed; and

printing the plurality of pages based respective processed page data.

23. (ORIGINAL) A printing method using a multiple pages per side (Nup) function, by which a document comprising a plurality of pages is printed using the Nup function of printing multiple pages on a sheet of paper, the method comprising:

processing data of a page to be printed as data to be multiple printed in response to determining that a data amount of the page to be printed does not exceed a predetermined reference amount; and

processing the data of the page to be printed as data to be commercially printed in response to the determined data amount exceeding the predetermined reference amount.

24. (ORIGINAL) A printing method using a multiple pages per side (Nup) function, by which a document comprising a plurality of pages is printed using the Nup function of printing multiple pages on a sheet of paper, the method comprising:

generating a page number for each of the multiple pages printed on the sheet of paper; and

printing the page numbers along with the multiple pages on the sheet of paper.

25. (NEW) The method of claim 18, wherein the arbitrarily-set N is defined based upon a determined complexity of the page.

26. (NEW) The method of claim 3, wherein the processing of the data of the page comprises reducing a printing size of the page so that the multiple pages of the document are printed on a same printed page.